



Sunpal MPS-V PLUS⁺ Inverter

MPS-V-3500-PLUS / MPS-V-5500-PLUS

- Pure sine wave solar inverter
- Output power factor 1.0
- Wifi&GPRS available for IOS and android
- Inverter running without battery
- Built-in 100A MPPT solar charger
- High PV input voltage range(120 500VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life



PC



TV



FM Radio



Electric Fan

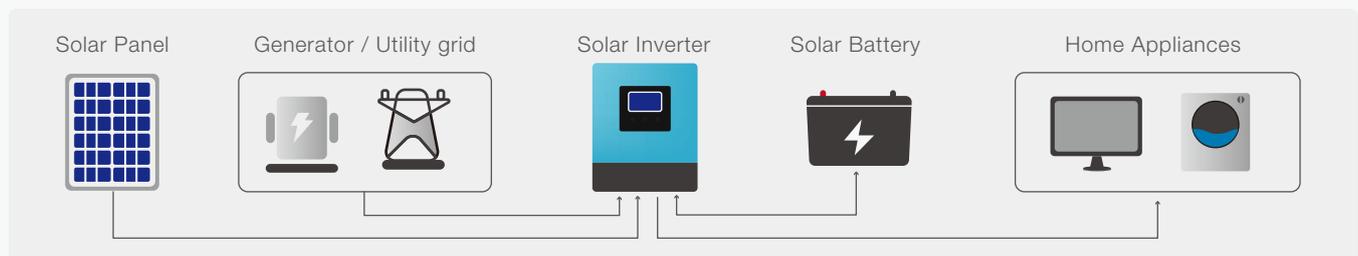


Solar Power

Introduction

The MPS-V PLUS series all in one solar system is the perfect go-to solution for off-grid, backup power for homes, small business, and it also delivers a value added, easy to install system that provides efficient power globally for every need.

Solar System Connection



MPS All in one solar inverter

MODEL	MPS-V-3500-PLUS	MPS-V-5500-PLUS
Rated Power	3500VA/3500W	5500VA/5500W
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280VAC (For Personal Computers) 90-280VAC (For Home Appliances)	
Frequency Range	50Hz/60Hz(Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%	
Surge Power	7000VA	11000VA
Efficiency(Peak)PV to INV. Efficiency(Peak)Battery to INV.	97% / 94%	
Transfer Time	10 ms (For Personal Computers) / 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floting Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum Charge Current	80A	80A
SOLAR CHARGER		
Maximum PV Array Power	5000W	6000W
MPPT Range @ Open Circuit Voltage	120~450VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	100A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension, D×W×H(mm)	590×390×208	
Net Weight(kgs)	11	12
Communication interface	USB / RS232 / GPRS / WiFi	
Monitoring	WIFI / GRPS	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	0°C-55°C	
Storage Temperature	-15°C-60°C	

